## **Geographic Comparison of Event Data** 8.0 8.0 Particle Count 0.7 0.7 ◆ %235U Depletion Neutron Flux 0.6 0.6 Arbitrary units 0.5 0.5 0.4 0.4 0.3 0.2 0.2 0.1 0.1 0 44 110 105 100 90 85 80 75 35 36 37 38 39 40 42 43 34 Longitude

Fig. 3. Comparison of relative particle volume, depletion of <sup>235</sup>U, and neutron flux as a function of latitude and longitude. The neutron flux is calculated from the measured <sup>239</sup>Pu activity and <sup>238</sup>U concentration in the chert. The data have been normalized to a common scale for comparison.

Latitude